## THE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir:

06/01/01

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: Hiromi WATANABE, Takashi NAKAMOTO, Hiroshi HATAE,

Junko HARUTA, Masaru HASE, Kenichi IWATA, Hiroshi

YAMADA and Yutaka OKADA

FOR: SIGNAL PROCESSING CIRCUIT

## Enclosed are:

- □ 7 sheets of □ formal □ informal drawings.
- ☑ An Information Disclosure Statement with PTO Form 1449.
- □ The International Search Report.
- An assignment of the invention to Hitachi, Ltd.
- ☑ A preliminary amendment

The filing fee is calculated as shown below:

For	Numbe	R FILED	Number Extra	RATE	CALCULATIONS
TOTAL CLAIMS	28	-20	8	x\$18 =	144.00
INDEPENDENT CLAIMS	1	-3	0	x\$80 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$260 =					\$0.00
			BASIC FEE		\$710.00
			TOTAL OF ABOVE		\$854.00
REDUCTION BY ½ FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28).  IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
				TOTAL	854.00

Please charge my Deposit Account Number	in the amount of	to cover the filing and assignment recorda	tion
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- A check in the amount of \$894.00 to cover the filing and assignment recordation fees is enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted

Stanley P. Fisher

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JUAN CARLOS A. MARQUEZ Registration No. 34,072

REED SMITH HAZEL & THOMAS LLP

3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200 June 1, 2001